APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER
LIN, KELVIN Y

ART UNIT	PAPER NUMBER
2142	

DATE MAILED: 11/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

		Application No.	Applicant(s)
Office Action Summary		09/931,844	HEILIG ET AL.
		Examiner	Art Unit
		Kelvin Lin	2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>02 November 2004</u>.

2a) ☐ This action is **FINAL.** 2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-52* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-52* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on *16 August 2001* is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____.

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date *8/16/01*.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____ .

Detailed Action

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   Claims 1-36 are rejected under 35 USC 102(e) as being anticipated by Dutta et

al.,(U.S. Patent 6615212).

3.   Regarding claim 1, Dutta teaches a system for accessing data stored at a remote

host in a computer network, comprising:

- a proxy server having a code section including instructions for

   receiving a request for data from a client (Dutta, col. 2, l. 41-43),

   and

- making a determination whether the requested data should be

   rendered before transmission to the client (Dutta, col. 2, l.45-57);

   and

- a processing server coupled to the proxy server and having a code

   section including instructions for receiving the rendering

determination from the proxy server(Dutta, col. 2, l.53),

- rendering the requested data, and transmitting the rendered data to

  the client (Dutta, col.2, l.54-55).

4.   Regarding claim 2, Dutta further discloses the system of claim 1, wherein the

proxy server further comprises a code section including instructions for storing

the requested data in an intermediate data store if it is determined that the

requested data should be rendered before transmission to the client; and the

processing server further comprises a code section including instructions for

retrieving data stored in the intermediate data store (Dutta, col.8, l.37-38, Dutta

teaches that " .. the transcoding proxy server locates the document in data

format X. The transcoding proxy server determines format options ...". The term

"locates" means "to find by searching or examining.." – from American Heritage

College Dictionary. Therefore the transcoding proxy server has the capability of

sending instruction to store or retrieve document and the determination before

the transmission).

5.   Regarding claim 3, Dutta further discloses the system of claim 1, wherein

the proxy server includes a code section including instructions for transmitting

address information to the processing server, wherein the address information

corresponds to the storage location of the requested data at a data server; and

the processing server includes a code section containing instructions for

retrieving the requested data from the data server (Dutta, col. 2, l.43-44, In the

distributed data processing system the instruction and address information for

message sending and receiving is an ordinary skill in the art.).

6.   Regarding claim 4, Dutta further discloses the system of claim 3, wherein the

proxy server further comprises a code section containing instructions for

generating a link message containing address information corresponding to the

requested data; and a code section containing instructions for transmitting the

link message to the client (Dutta, col. 1, l.46-47).

7.   Regarding claim 5, Dutta further discloses the system of claim 4, wherein the link

message further includes data type information describing the requested data

(Dutta, col. 5, l.44-50).

8.   Regarding claim 6, Dutta further discloses the system of claim 4, wherein the link

message further includes a client identifier and a session identifier (Dutta, col. 1,

l.48-55).

9.   Regarding claim 7, Dutta further discloses the system of claim 3, wherein the

address information of the requested data comprises a URL and the data type

information comprises a MIME type (Dutta, col.6, l.61-64).

10.   Regarding claim 8, Dutta further discloses the system of claim 3, wherein the

client further comprises a data handler including a code section containing

instructions for establishing a communication link between the client and the

processing server and for receiving the rendered data from the processing server

(Dutta, col. 3, l.33-36)

11.   Regarding claim 9, Dutta further discloses the system of claim 1, wherein the

proxy server includes a code section containing instructions for directly

transmitting the requested data to the client upon the proxy server determining

that the requested data do not have to be rendered before transmission to the

client (Dutta, col.10, l.12-15).

12.   Regarding claims 10-20, have similar limitations as claims 1-9. Therefore, claims

17-32 are rejected for the same reasons set forth in the rejection of claims 1-9.

13.   Regarding claim 21, Dutta further discloses the method of claim 10, comprising

- pre-selecting requests for data into a first category comprising

  requests wherein the requested data should be rendered

  (Dutta, col. 8, l.33-37), and

- a second category wherein the requested data should not be

  rendered (Dutta, col.9, l.18-20);

- transmitting requests in the first category to the proxy server (Dutta,

  col.(Dutta, col.8, l.33-34); and

- transmitting the requested data corresponding to requests in the

  second category directly to the client (Dutta, col.9, l.22-26).

14.   Regarding claim 22, Dutta further discloses the method of claim 10, wherein at

least the proxy server, the processing server, and the intermediate data storage

are connected on a local area network (Dutta, col.3, l.54-57, col.4, l.37).

15.   Regarding claims 23-34, which render the computer-based method for accessing

data in computer network, have similar limitations as claims 10-22. Therefore,

claims 23-34 are rejected for the same reasons set forth in the rejection of claims

10-22.

16.   Regarding claim 35, Dutta further discloses a method for accessing data in a

network, comprising:

- receiving a message at a processing server to render data

    requested by a client (Duta, col.5, l.50-53);

- retrieving the requested data from an intermediate data store

    (Dutta, col.6, l.58-60) ;

- transmitting the requested data to the processing server(Dutta,

    col.5, l.66-67);

- rendering the requested data at the processing server(Dutta, col.

    6, l.1-5); and

- transmitting the rendered data to the client (Dutta,col.6, l.42-46).

17.   Regarding claim 36, Dutta further discloses the method of claim 35, wherein the

processing server is instructed by a data handler running at the client to retrieve

the requested data from the intermediate data store (Dutta, col.11, l.11-17).

18.   Regarding claim 37, Dutta further discloses the method of claim 35, wherein the

processing server receives address information corresponding to the requested

data, and retrieves the requested data from a data server using the address

information (Dutta, col.2, l.39-44, col.11, l.7-10).

19.   Regarding claim 38, Dutta further discloses the method of claim 35, wherein the

message to render data requested by the client is pre-selected (Dutta, col.9, l.6-

10).

20.   Regarding claim 39 , Dutta further discloses a computer program product

comprising a medium configured to store or transport computer readable code

for a method comprising: receiving a request for data from a client at a proxy

server; determining whether the requested data have to be rendered before

transmission to the client; rendering the data at a processing server; and

transmitting the rendered data to the client (Dutta, col.3, l.31-53).

21.   Regarding claim 40 , Dutta further discloses a proxy server comprising: a

processor; a memory connected to said processor, and containing code

containing instructions configured, upon execution of said instructions by the

processor, to cause the proxy server to receive a data request from a client; to

determine whether the data requested by the client should be rendered, and to

retrieve the requested data from a data server; and to authorize a processing

server to retrieve and render the requested data in accordance with the

determination of the proxy server, and to transmit the rendered data to the client

(Dutta, col.4, l.1-67,col. 5, l.1-19).

22.   Regarding claims 39, and 41-52, have similar limitations as claims 10-22.

Therefore, claims 39, and 41-52 are rejected for the same reasons set forth in the

rejection of claims 10-22.

Conclusion

The prior art made of record and not relied upon is considered pertinent to application's disclosure.

- Tso et al., (Patent No. 6421733) System For Dynamically Transcoding Data Transmitted Between Computers.

- Bakshi et al., (Patent No. 6345300) Method And Apparatus For Detecting A User-Controlled Parameter from A Client Device Behind A Proxy.

- Bhagwat et al., (Patent No. 6563517) Automatic Data Quality Adjustment To Reduce Response Time In Browsing.

- Robotham et al. (Pat No. 6704024) Visual Content Browsing Using Rasterized Representation.

- IEEE – Han R. et al., "Dynamic Adaptation In An Image Transcoding Proxy For Mobile Web Browsing", IEEE Personal Communications, US, IEEE Communications Society, vol. 5, No. 6, Dec. 1, 1998.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kelvin Lin whose telephone number is 571-272-3898. The examiner can normally be reached on Flexible 4/9/5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Jack Harvey can be reached on 571-272-3896. The fax phone number for

the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

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you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

11/1/04

JACK B. HARVEY
SUPERVISORY PATENT EXAMINER